Pennsylvania Department of Environmental Resources Bureau of Waste Management

Jan 18091

Hazardous Waste Inspection Report Generators — Part A

	7	0 01		TSP		
100	pection 2-	0-91	Time start	Tir	ne finish	
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Company, i	nstallation name	Boyse		Lande	20	
	•	erkel	& Si	Charten	De la. 15	525
County 2	nonte		Munici	pality Alon	glass Tu	P.
dentificatio	n number	PABLO	18603	005		•
			ren Fra	me		
itle	Pre	selent		0.10		
					ore, Pa. 19	7343
rea code a	and telephone n	umber 24	= 458-	5300	,	
lame of pe	erson interviewe	d		***		
itle						
Mailing add	ress (if differen	t from above)				
rea code a	and telephone n	umber				
. Current	waste handling	method:				
a.		treatment,	storage,	☐ disposal	□ PBR	
b.	☐ On-site	use,	☐ reuse,	☐ recycle,	☐ reclaim	
c.	Off-site	Ktreatment,	☐ storage,	X disposal		
	☐ Off-site	□ use,	☐ reuse,	☐ recycle,	☐ reclaim	
d.						
		vaste produced:			_ 100.mm	
. Amount	of hazardous w	vaste produced:	AC.im	10.	_ 1001 4	
. Amount		. 11		no. r.		
a b	of hazardous w	,000 12	kg./y			
a b	of hazardous w	ste produced by Ha			cility (include location an Location and Type	d type).
a b	of hazardous w	ste produced by Ha	zardous Waste Numb		cility (include location an	d type).
a b	of hazardous waf hazardous wa	ste produced by Haz Destin	zardous Waste Numb		cility (include location an	d type).
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a b	of hazardous waf hazardous wa	ste produced by Haz Destin	zardous Waste Numb		cility (include location an	d type).
a b	of hazardous waf hazardous wa	ste produced by Haz Destin	zardous Waste Numb		cility (include location an	d type).

Commonwealth of Pennsylvania Department of Environmental Resources Bureau of Woste Management

Inspection Report Comments

Date of Inspection 2-8-91 Identification Number	PAN 04860300
Company/Facility/Site Name Boyertown Sonitary	Lordfiel
Cu TEX remote	Comment
·	Christian .
Land Son inspection	conducted.
Permission to conduct a	in inspection
is granted by Mr. Frame +	m. Kessley.
See It SD Comments.	
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In the "Requirement" Section of this inspection report, each listed inspection ite its corresponding obligation as described in the body of the regulations. Please use the tion report as a reference to obtain a detailed description of compliance requirement. This inspection report is official notification that a representative of the Department of Waste Management, inspected the above installation. The findings of this inspection tion report shall serve a formal notification of any violations which were observed durn be discovered upon examination of the results of laboratory analyses and review of Detain may be forthcoming, concerning any violations indicated herein and listing any in This report does not constitute an order or other appealable action of the Department deemed to grant or imply immunity from legal action for any violation noted herein. Signature by the person interviewed does not necessarily imply concurrence with acknowledge that the person was shown the report or that a copy was left with the	Chapter citations listed on this inspects. Int of Environmental Resources, Bureau n are shown in this report. This inspecting the inspection. Violations may also epartment records. Additional notificated ditional violations. Intent. Nothing contained herein shall be the findings on this report, but does
Person Interviewed (signature) Manua X Frame Pres. Inspector (signature) Took Walle	Date 2-8-91
Inspector (signature) Tred Waller	Date <u>2-8-9</u> Page of

Recycled Paper

Pennsylvanio Department of Environmental Resources Bureau of Waste Management

Hazardous Waste Inspection Report TSD Facilities — Part A

Jane

Da	te of insc	nection 2	9-91 Time start	. 9	: 30 Time finish _	12:00
		spector	red Wal	2		
		stallation name_	Boyert	own	Landfel	2
Loc	ation	300 M.	erfel Rd	- bi	epertavil	la, 19. 1950
Co	unty 🔭	norty	mary	Municipality	Douglass	Trup.
lde	ntification	n number 🚜	AD 0486	0300	5	•
Na	me of res	sponsible official	Warren	Fran	nl	
Tit	le	Prese		- 4 4		
Ma	ailing addi	ress R	1 Box 360		7	1. 19343
Аге	ea code a	ınd telephone nui	mber 2157 4.	58-5	300	
Na	me of pe	rson interviewed	John !	essle	<u> </u>	
Tit	le	- Flo	Mano	ger/	-	
Ma	ailing addr	'ess <i>(if different</i> :	from above)	···		
Are	ea code a	ınd telephone nuı	mber <u>215 - 9</u>	15-8-	5300	
1.	Site cha	racterization:	•			
•••	a.	• •	· surface impoundments	□ chemical	physical	☐ biological
	b.	□ Storage ·	☐ containers	□ tanks	surface impoundments	□ waste piles
	C.	Disposal •	☐ land treatment	□ landfill	☐ incineration	☐ thermal treatment
	d.	☐ Use	☐ reuse	□ recycle	🗆 reclaim 🔍	; '
2.	Does th	e facility generat	e hazardous wastes?	Yes No	comments)	
3.			te produced by Hazardous W		less	dete
Л	•	-	Multi			-

Penssylvania Department of Environmental Resources Bureau of Waxte Management

Hazardous Waste Inspection Report TSD Facilities — Landfills

					Chapter Citation			
1	2	atus 3	4	REQUIREMENT				
İ	-	•		Run-on diverted away from the facility.	75.26			
	K			Run-off is collected from the active portions. The LF is closed	(v)(3)			
	X			Run-off collected from the active portions and managed as a hazardous waste if it is a hazardous waste.	(v)(3)			
1	X			Facility is managed to prevent wind dispersal of hazardous waste.	(v)(5)			
,				The exact location and dimension, including depth of each cell with respect to permanently surveyed benchmarks kept on a map in the operating record.	(v)(6)(i)			
				The contents of each cell and the approximate location of each hazardous waste type within each cell kept in operating record.	(v)(6)(ii)			
			V	Closure and post-closure requirements are complied with.	(v)(7)—(10			
	X			Ignitable and reactive wastes treated with Department approval.	(v)(11)			
1	Y			Precautions taken for the treatment of incompatible wastes and materials.	(v)(12)			
1	Ź			Hazardous wastes disposed contain greater than 20% solids content by dry weight, are non-flowable and do not contain free liquid.	(v)(13)			
1	K	-		Written approval from the Department to dispose of hazardous wastes containing less than 20% solids content by dry weight and are flowable until November 18, 1981.	(v)(13)			
	K			Hazradous waste co-disposed with municipal waste with Department approval.	(v)(14)			
	K			Empty containers crushed flat, shredded, or similarly reduced in volume before disposal.	(v)(15)			
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Pennsylvania Department of Environmental Resources Bureau of Weste Management

Hazardous Waste Inspection Report TSD Facilities — Surface Impoundments

			1-1	No Violation Observed 2—Not Applicable 3—Not Determined 4—Non-Complia	ace
		atus	T -	REQUIREMENT	Chapter Citation
1	2	3	4		75.265
<u>X</u>				Surface impoundment managed to maintain at least 60 cm (2 ft) of freeboard and to prevent over- topping of the dike by overfilling, wave action, or a storm.	(s)(2)
K				Protective cover on earthen dikes, such as suitable vegetation, rock rip-rap, or non-erodible material to minimize wind and water erosion.	(s)(3)
	X	•		Waste analyses and/or trial tests conducted on hazardous wastes substantially different from wastes previously treated or stored; or chemically treat hazardous waste with a substantially different process than any previously used in that tank.	(s)(4)
	K			Precautions taken for surface impoundments holding ignitable, reactive, or incompatible wastes.	(s)(5)
7				Freeboard level inspected once each operating day.	(s)(6)(z)
				Surface impoundment, including dikes and vegetation surrounding the dike, inspected once a week.	(s)(6)(ii)
		X		Closure and post closure requirements are complied with.	(s)(7), (8), (9
•	K			Placement of ignitable or reactive waste only with Department's approval.	(s)(10)
	K	•		Precautions taken for handling ignitable, reactive, or incompatible material.	(s)(11)
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Hazardous Waste Inspection Report Comments — Part C

Date of Inspection 2-8-9/ Company, Installation Name Boyertown County Management	Identification Number	048603005
Company, Installation Name	Janitary of	egofill
County M satzamery	Municipality Rouge	less Twg.
Jennission to con		21 P
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a some authority - Be	The montgon	ery Mun.
authority Woughaste	Dr. Montame	mounty.
Daily Certite	low is app	250-
300 a. Weeply disches	us volume	co~ 2500-210
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There is no h	aldin for	(1000 4)
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in at 13,92 S. P.M. a	I diselare	ed at 13 SfM.
The drain war	the two (29	tanke w.
the Ha bloat existion	back into	the aeration
tend where it is pump	ed back into	Masipten.
pH 7.0 for	discharge	liquid.
This inspection report is official notification that	a representative of the Depart	tment of Environmental
Resources, Bureau of Waste Management, ins inspection are shown in this report. Any violation	tions which were uncovered	during the inspection
are indicated. Violations may also be discover analyses and review of Department records. No	red upon examination of the	e results of laboratory
tions indicated herein and listing any additions	al violations.	
Person Interviewed (signature) Wanen & Fram	Pres n	ate 2-8-21
	Te. Da	2-8-91
Inspector (signature)		

Commonwealth of Pennsylvania Department of Environmental Resources Bureau of Wasta Management

Inspection Report Comments

2-P-9/ Pain 1/0/22
ate of Inspection Identification Number 1/1 04300500
ompany/Facility/Site Name / Soyer Cown January / F.
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I the methane burner is not furne
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there are a toler of 11 6 WMW or se
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- The landfill was closed 1/2-86
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paste 55 les drumson site
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In the "Requirement" Section of this inspection report, each listed inspection item may provide only a brief version of its corresponding obligation as described in the body of the regulations. Please use the Chapter citations listed on this inspection report as a reference to obtain a detailed description of compliance requirements. This inspection report is official notification that a representative of the Department of Environmental Resources, Bureau of Waste Management, inspected the above installation. The findings of this inspection are shown in this report. This inspection report shall serve a formal notification of any violations which were observed during the inspection. Violations may also be discovered upon examination of the results of laboratory analyses and review of Department records. Additional notification may be forthcoming, concerning any violations indicated herein and listing any additional violations. This report does not constitute an order or other appealable action of the Department. Nothing contained herein shall be deemed to grant or imply immunity from legal action for any violation noted herein. Signature by the person interviewed does not necessarily imply concurrence with the findings on this report, but does acknowledge that the person was shown the report or that a copy was left with the person.
Person Interviewed (signature) Warry X. Frame, Press Date 2-5-91

Page ____

__ of

TSD Facilities — Chemical, Physical, & Biological Treatment

Part B

1—No Violation Observed 2—Not Applicable 3—Not Determined 4—Non-Compliant							
Status 1 2 3 4			REQUIREMENT				
/		٦	'		75.26		
Y		_	╁-	Precautions taken for treating ignitable, reactive, or incompatible waste or material:	(y)(2)		
		_	\vdash	Treatment process or equipment managed to prevent leaks, rupture, corrosion, or otherwise failing.	(y)(3)		
4		_		Continuously fed treatment process or equipment equipped with a means to stop in flow.	(y)(4) .		
	X			Waste analysis and/or trial tests conducted on hazardous wastes substantially different from wastes previously treated in that process or equipment; or chemically treat hazardous waste with a substantially different process than any previously used in that process or equipment.	(y)(5)		
				Discharge control and safety equipment inspected once each operation day.	(y)(6)(i)		
	,_	_		Monitoring equipment data inspected once each operating day.	(y)(6)(ii)		
			<u> </u>	Construction materials of treatment process or equipment inspected weekly.	(y)(6)(iii)		
1				Construction materials or discharge confinement structure and area immediately surrounding inspected weekly.	(y)(6)(iv)		
	X			Closure and post-closure requirements are complied with.	(y)(7) ·		
			:	Precautions taken for handling reactive, ignitable, or incompatible wastes or materials.	(y)(8), (9), (10)		
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COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES

Lee Park Suite 6010 555 North Lane Conshohocken, PA 19428

February 14, 1991

Mr. Warren Frame Boyertown Sanitary Landfill Route Box 360 Glenmoore, PA 19343

> Re: Hazardous Waste Inspection PAD 048603005 - February 8, 1991 Douglass Township Montgomery County

NOTICE OF VIOLATION

Dear Mr. Frame:

This letter is to confirm the findings of the Departments referenced inspection of your hazardous waste activities. Requirements for hazardous waste facilities are contained in Chapters 75.260 through 75.270 of the Rules and Regulations of the Department. Violations of applicable sections of these regulations found during our inspection are as follows:

265.92 Sampling and analysis. - After the first year, all monitoring wells shall be sampled and the samples analyzed as follows: (1) Samples collected to establish groundwater quality shall be obtained and analyzed for the parameters specified at least semi-annually. Results of analyses shall be submitted to the Department.

(2) Samples collected to indicate groundwater contamination shall be obtained and analyzed for the parameters specified at least quarterly. Results of analyses shall be submitted to the Department. The first three (3) quarters 1990 and the annual 1990 groundwater monitoring requirements have not been complied with. This groundwater monitoring program should be adhered to and results submitted to the Department in a timely fashion.

You are hereby notified of both the existence of these violations as well as the need to provide for their prompt correction. Toward this end, you are requested to submit to the Department within fourteen (14) days a proposed program and schedule for abatement of these violations. The Department's inspection report contains time periods of completion of remedial actions. These reports are either enclosed or have been previously supplied to you. If your proposed

Mr. Warren Frame February 14, 1991

abatement program indicates certain corrections cannot be completed within these time periods, you are requested to supply justification for any extensions.

This letter does not waive, either expressly or by implication, the power or authority of the Commonwealth of Pennsylvania to prosecute for any and all violations of law arising prior to or after the issuance of this letter or the conditions upon which the letter is based. This letter shall not be construed so as to waive or impair any rights of the Department of Environmental Resources, heretofore or hereafter existing.

This letter shall also not be construed as a final action of the Department of Environmental Resources.

If you have any questions concerning this matter, please feel free to contact me at the above number.

Very truly yours,

Trederich f. Walter,

FREDERICK P. WALTER, JR.

Waste Management Specialist

cc: Ms. Kurtz Compliance

TPD A

Division of Compliance & Monitoring

Re 30 (3-1)45.9

Doyellalown Santifacy Dispos.

Pennsylvania Department of Environmental Resources

Bureau of Wasto Management Pennsylvania Department of Environmental Resources
Bureau of Waste Managament

Hazardous Waste Inspection Report

TSD Facilities — Part A

LAND BAN /CEI

Date of insp	pection $8-5$	7-90 Time start	1:00	Time finish	
Name of ins	spector	Carol Kurt	/ 		
Company, in	· stallation name _	Boyertown	Rand	fill	
Location	300 Mer	pel Rd,	Gilbert	sulle, PA	19525
County	Mont	Co	Municipality	Monglass	Jup
Identification	n number	PA-00486030	05		
Name of res	sponsible official_	Warren Fra	eme		· ·
Mailing add	ess RD #	+1 Bex 360	, Bee	Aprobare, PA	19343
Area code a	nd telephone num	1ber 215 - 4	58-53	00	_
wame of pe	rson interviewed_	John	Kessl	W	
		rom above)		· · · · · · · · · · · · · · · · · · ·	
•		nber			
1. Site cha	racterization:				
. a.	Treatment -	surface impoundments	☐ chemical	▶ physical	☐ biological
b.	•	□ containers	□ tanks	☐ surface impoundments	☐ waste piles
c.	☑ Disposal	□ land treatment	☐ landfill	☐ incineration	☐ thermal treatment
` d.	□ Use	□ reuse	□ recycle	□ reclaim	
∠. Does the	e facility generate	e hazardous wastes? . [X]	Yes □ No		
3. Types o	f hazardous wast <i>FO3</i> 9	e produced by Hazardous W Multi - As	'aste Number: WCC /	leachate	
4. Are haza	ardous wastes tra D	insported off-site by the faction is charged direct	ility? Per	sewer authorit	y

Pennsylvania Department of Environmental Resources Bureau of Waste Management

Hazardous Waste Inspection Report TSD Facilities — Surface Impoundments

			1-1	le Violetion Observed 2—Not Applicable 3—Not Determined 4—Non-Complia	
Status				REQUIREMENT	Chapter Citation
1	2	3	4		75.265
X				Surface impoundment managed to maintain at least 60 cm (2 ft) of freeboard and to prevent over- topping of the dike by overfilling, wave action, or a storm.	(s)(2)
K		-		Protective cover on earthen dikes, such as suitable vegetation, rock rip-rap, or non-erodible material to minimize wind and water erosion.	(s)(3)
	χ			Waste analyses and/or trial tests conducted on hazardous wastes substantially different from wastes previously treated or stored; or chemically treat hazardous waste with a substantially different process than any previously used in that tank.	(s)(4)
	X			Precautions taken for surface impoundments holding ignitable, reactive, or incompatible wastes.	(s)(5)
				Freeboard level inspected once each operating day.	(s)(6)(i)
X				Surface impoundment, including dikes and vegetation surrounding the dike, inspected once a week.	(s)(6)(ii)
		X		Closure and post closure requirements are complied with.	(s)(7), (8), (9
•	X			Placement of ignitable or reactive waste only with Department's approval.	(s)(10)
	×			Precautions taken for handling ignitable, reactive, or incompatible material.	(s)(11)
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Persylvania Department of Environmental Resources Bureau of Wasto Management

Hazardous Waste Inspection Report Comments — Part C

Date of Inspection 8-7-90 Identification Number PAO048603005
havestonen Landell
County Montgomery Municipality Llouglass Jup-
V V
handfell is closed but generates a
multi-source leachate which is treated
on site and then discharged to a
sever authority.
Land ban inspection conducted. Since
- 1' 1' to be seened sufficient and
"paperwork" is certifications are needed.
Treatment process is as fallows:
Ray liquate flows into lagoon;
wart is then pumped into an actator;
allaste the is summed through a ferrila of
author columns (2) and then primped
to an all stropping former. It is
The state of the s
to the Buks Montgomery Municipal Authoris
to the Rules Montgomery Municipal authoris
located in Donglass Julp, Mont. Co.
Will hackate low in appx 250 to 300 gal
Mackly dischard volume in pass 2500 gal.
This inspection report is official notification that a representative of the Department of Environmental
Described Discourse Management inspected the above installation. The littuings of this
inspection are shown in this report. Any violations which were uncovered during the inspection
analyses and review of Department records. Notification will be forthcoming, confirming any viola-
tions indicated herein and listing any additional violations.
Person Interviewed (signature) Date
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
Inspector (signature)

Pennsylvania Department of Environmental Resources Bureau of Waste Management

Hazardous Waste Inspection Report Comments — Part C

Date of Inspection 8-7-90	_ Identification Number	PA 0 04	8603005	
Company, Installation Name Soyutown La	affell			
County	Municipality			
Maily records are mai	ntained.	The To	llowen	· 3——
items are checked of	silv PT	t, to	insuat	tue,
water level in lagor	us, equi	ment	+ pus	mps
Plant was shut down	from	2-22-	89 to-	
6-13-90.			<u> </u>	 .
Last analysis of leas	thati wo	4 6-	12-90.	The
analytical results	au atta	hed.		
Facility must perus	ne quart	Tily !	ground	
water monitoring	and su	whit	Of the	
risults to the	t= ff	Con	utain	
should be forwarded	An Slive	wa	disco	xtrais
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		h- Donaston	est of Fourteenm	
This inspection report is official notification that Resources, Bureau of Waste Management, it	nspected the above is	nstallation.	i ne mnumys o	1 U//S
inspection are shown in this report. Any viole	lations which were u Jered unon examinati	ncovered au ion of the re	iring the inspe esults of labor	atory
analyses and review of Department records. It tions indicated herein and listing any addition	Votification Will be for	thcoming, c	onfirming any '	viola-
	Tacilita.	Date		
Person Interviewed (signature) Mallow (Constitution of the Constitution of the Constit	7	Date	8-9-	90
Inspector (signature)	·			

Peensylvania Department of Environmental Resources Surees of Waste Management

Hazardous Waste Inspection Report Generators — Part A Land Ban

Date of inspection $8-7-90$ Time start	Time finish
Name of inspector Caral Kurtz	
Company, installation name Busitours	anitary Landfill
Location 300 Merkel 11 Proper	to Gilbertsville PA 19525
County Montgomery Muni	icipality Donaslass Trup
Identification number PAD 04860	3005
Name of responsible official Warren Fran	ne
Title President Owner	
Mailing address $RO^{H}/Box 360$,	Stea Moore Pa 19343
	-5300
Name of person interviewed Gaan Kes	slev
Title	
Mailing address (if different from above)	
Area code and telephone number	
t Course of the second of	
1. Current waste handling method:	,
a. 🔯 On-site 💢 treatment, 💢 storage,	□ disposal □ PBR
b. □ On-site □ use, □ reuse,	☐ recycle, ☐ reclaim
c. 💢 Off-site 🔀 treatment, 🗆 storage,	disposal disposal
d. \square Off-site \square use, $\underline{\square}$ reuse,	🗆 recycle, 🗀 reclaim
2. Amount of hazardous waste produced:	
a. 989x 10,000 gal/md	
b kg./	/yr.
3. Types of hazardous waste produced by Hazardous Waste Num Waste Number Destination Facility	oper and destination facility (include location and type). Location and Type
FO39 J Berks Mont. Municipal Malti Source Hachate	Authority Sewage Treatment Plans Druglass Two Mont Co.
Math Source Hachage	Druglass Twp, Mont Co.

Pennsylvania Department of Environmental Resources Burnau of Wasta Management

Hazardous Waste Inspection Report Comments — Part C

ate of Inspection	8-7-90		dentification Nu	mber PADOU	8603005
ompany, Installation N	lame Soyuto	own some	tary ?	Kandfell_	
ounty			unicipality		
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	<u>sa 151</u>	report	Jw_	comments	· · · · · · · · · · · · · · · · · · ·
Xa	nd ban	inspla	tion	conducte	<i>d</i>
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Resources, B inspection ar are indicated analyses and	on report is official n Bureau of Waste Ma re shown in this rep d. Violations may a d review of Departm ed herein and listin	lanagement, inspe port. Any violation also be discovered nent records. Notifi	cted the abo ns which we I upon exam ication will be	ve installation. The re uncovered durin ination of the resu	e findings of this g the inspection Its of laboratory
orean Interviewed Jeise	natura muled -	to facility	- -	Date	· · · · · · · · · · · · · · · · · · ·
erann urreraisman (218)	nature) Mulld 7 Carol Ku	t	· · · · · ·		8-7-90
nspector (signature)	part por			Date	<u> </u>

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AUG 10 1990 CERTIFICATE OF ANALYSIS



Tri-County Business Campus 88 Robinson Street Pottstown, PA 19464 215 • 327 • 4850 215 • 327 • 4852 FAX

Boyertöwn Sanitáry Disposál/fráme RD #1, Box 360 Glenmore, PA 19343

RHC Number : 3788 Sample Description: INFLUENT Réport No. : 901350 Sample Date: 06/12/90 et 10:30 Sampled By : LC Roceived : 06/12/90 Reported : 07/02/90 P.O. Number: N/A

Řépl	Pårameter	Result		Date Ani Completed	Anti-	Natholi
	ANTIMONY, TOTAL	<0.002 Mg/L	4-4	******	****	
T	ARSENIC, TOTAL	0.004 MG/L	1.6	06/14/90	J116 ,	EPA 7040
1	BARIUM, TOTAL	0.7 Mg/L	•	06/14/90	Jie	EPA 7060
1	BERYLLIUM, TOTAL	<0.0005 Mg/L		06/14/90	JHÚ	EPA 7080
1	CADMIUM, TOTAL	<0.001 MG/L		06/13/96	JNO "	EPA 7091
1	CHROMIUM, HEXAVALENT	<0.002 HG/L	j	06/13/90	JNO	EPA 7131
1	CHROMIUM, TOTAL	0.005 MG/L	••	06/13/90	BAK	EPA 7197
1	COPPER, TOTAL	<0.002 KG/L		06/14/90	1MQ	EPA 7191
1	IRON, TOTAL	0.42 Mg/L		06/14/90	JMO	ÉPÀ 7210, 7211
1	LEAD, TOTAL	<0.002 Hg/L	•	06/14/90	BAK	EPA 7380
- (MERCURY, TOTAL	<0.0002 NG/L → → · · ·		06/13/90		・ 性外 7421 ·
1	NICKEL, TOTAL			06/15/90	UAK	EPA 7470, 7471
1 .	SELENIUM, TOTAL	0.027 MG/L		06/14/90	BAK	EPA 249.2
4	SILVER, TOTAL	<0.002 Hg/L		06/19/90	eak	EPA 7740
4	THÁLLIUM, TOTAL	<0.002 Mg/L	• *	06/14/90	BAK	EPA 7760
4	ZINC, TOTAL	<0.002 MG/L		06/13/96	JNO	èpà 7841
•	·	<0.02 NG/L	•	06/14/90	BAK	EPA: 7950
	AMORIA, NITROGEN	30 NG/L	_	06/13/90	LIM	EPA 350.1
i	CYANIDE, TOTAL (WATER)	0.013 MG/L		06/19/90	LIN	EPA 335.3
· 1	PREMOLICS	0.011 MG/L		06/18/90	LMM	EPA 420.2
1	P.P.L. PESTICIDE AND PCB'S (WATER)	SEE ATTACHMENT		06/14/90	\$DF	EPA 608
1	P.P.L. SEHT VOLATILES	SEE ATTACHMENT		06/20/90	LEK	EPA 625
1	P.P.L. VOLATILES (WATER)	SEE ATTACHMENT		06/19/90	PJY	EPA 524,624
1	OIL AND GREASE (WATER) .	<0.83 NG/L	٠.	06/13/90	CEM	EPA 9070,413.2(18)
1	BIOCHEMICAL OXYGEN DEMÁND (S DAY)	20 MG/L		06/18/90	CHI	EPA 405.1
1	COLOR, APPARENT	150 CLPT UNITS 8 8.13 PM		96/14/90	SPK	EPA 110.2
1	FLUORIDE	0.22 Mg/L		06/20/90	SPK	EPA 340.2
1	PH	8.15 STANDARD		06/13/90	CA CA	EPA 9040,9045
. 1	TOTAL DISSOLVED SOLIDS	1200 HG/L		06/14/90	CHK ::	

Approved Bys

INTIA E. DIXON

Assistant Laboratory Rendger



TH-County Business Campu: **88 Robinson Street** Pottstown, PA 19464 215 - 327 - 4850 215 - 327 - 4852 FAX

Soyertown Sanitary Dispossi/Frams RD #1, Box 360 Glermore, PA 19343

RMC Number : 3768 Sample Description: INFLUENT Report No. : 901350 Sample Date: 06/12/90 at 10:50 Sampled By : LC. Received : 08/12/90 Reported ± 07/02/90 P.O. Hunbart N/A

Rept	Parameter	Résult	Date ANC Completed	ANA-	
•	TOTAL PHOSPHATE PHOSPHORUS	0.12 RG/L	06/14/90	lyst LÅC	Method EPA 365.3

Jaile E. Dixon

Assistant Laboratory Handger

Page 2 of 4



रे अपनाम्बन्धातम्यकः । र

TH-County Business Campus 86 Robinson Street Pottstown, PA 19464 215 • 327 • 4850 215 • 327 • 4852 FAX

CLIENT:

Boyertown Sanitary Influent

CLIENT ID: RMC ID:

3788

DATE RECEIVED:

DATE ANALYZED:

ANALYZED/VALIDATED BY:

6-12-90

6-14-9 SDF

<u>Pesticides</u>

	<u>ug/1</u>		_ua/1
a-BHC g-BHC b-BHC d-BHC heptachlor aldrin heptachlor epoxide endosulfan I 4,4'-DDE dieldrin endrin endosulfan 11	<0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.10 <0.10 <0.10	4,4'-DDD endrin aldehyde endosulfan sulfate 4,4'-DDT chlordane toxaphene PCB-1016 PCB-1221 PCB-1232 PCB-1242 PCB-1248 PCB-1254 PCB-1260	<0.10 <0.10 <0.10 <0.5 <1.0 <0.5 <0.5 <0.5 <1.0 <1.0 <1.0

< x = Not detected; value indicates minimum quantifiable limit.

Approved By:





Tri-County Business Campus 88 Robinson Street Pottstown, PA 19464 215 • 327 • 4850 215 • 327 • 4852 FAX

RMC Environmental Chemistry Laboratory Semivolatila Analysis Data

COPONO **********************************	UG/L	CROL	COMPOUND	UG/L	CROL
N-Hitrosodimethylamina	U	10	4-Nitrophanol	essesesek U	unháunaa 5
bis(2-Chloroethyl)Ether	U	10	Fluorene	Ů	1
Pheno1	· U	10	Diethylphthalata	· Ŭ	1
2-Chlaraphenol	Ü	10	4-Chlorophenyl-phenylether	Ű.	1
1,3-Dichlorobenzena	U	10	4,6-Dinitro-2-methylphenol	ß	. 5
1,4-Dichlorobenzene	IJ	18	N-Mitrosodiphenylamine	ŭ	1
1,2-Dichlarobenzene	U	10	1,2-Diphenyl Hydrazine	ŭ	1
bis(2-chloroisopropyl)ether	t	10	4-Bromophenyl-phenylether	U	1
Hexachloroethana	U	. 19	Hexachlorobenzene	ű	i
M-Mitroso-Dı-n-propylamine	U	10	Pentach larophena L	ű	. 5
Ki trobènzène	t	10	Phenenthrene	Ü	1
1sóphorone -	U	10	Anthracena	1ž	<u>1</u>
2-Nitrophenal	U	10	0i-n-butylphthåläte	2 3	
2,4-Dimethylphenol	U	10	Floorenthene	ı ı	
bis(2-Chloroethoxy)sethine	U	10	Pyrene	ũ	9
2,4-Dichlorophenol	U	10	Benzidine	ű	ŝ
1,2,4-Trichtarobenzene	U	10	Butyibenzylphthalatá	ŭ	
Naphthalene	U	15	Benza (à) anthrocena	Ű	
Hexach lorobutadiene	U	16	3,3'-Dichlorobenzidine	ti	132
4-Chioro-3-methylphenoi	U	10	Chrysene	ti U	1137 #
Hexach lorocyclopentadiene	U	10	bis(2-Ethylhexyl)phthalate	2.3	
2,4,6-Trichlorophenol	U	10	Di-n-octylphthelate	ย่ั	j
2-Chloronephthalene	IJ	11	Benzo(b) Fluorenthone	ŭ	, ;
Acenaphthylane	U	18	Benzo(k)fluorenthene	ť	
Dimethylphthelate	U	10	Benzo(a)pyrene	Ū	i
2,6-Dinitrotoluene	Ű	16	Indeno(1,2,3-cd)pyrana	Ù	
Acenaphthene	U	10	Dibenzo(a,h)anthracena	Ū	` ;
2,4-Dimitrophenol	ป	58	Bento(g,h,i)perylene	. 0	
2,4-Dinitrotolu ene	U	· 18		, -	•

SURROGATE COMPOUNDS	<u>reluvery</u>
2-Fluorophenol	42 \$
Pheno 1-d5	31 %
Ni trobenzena-d5	66 %
2-Fluorobiphenyl	67 \$
2,4,6-Tribromophenol	
Terphenyl-d14	112

CRGL - Contract Required Quantitation Limit

Qualifiers

- (J) Indicates detected below CRQL
- (U) Indicates collipsund not delected
- (B) Indicates compound found in blank
- (D) Indicates surrogates have been diluted out

Applicated by Caine Karakras



Tri-County Business Campus 88 Robinson Street Pottstown, PA 19464 215 • 327 • 4850 215 • 327 • 4852 FAX

RMC Environmental Chemistry Laboratory Volatile Organic Analysis Data

RHC 1.D. : INFLUENT 3788		·	Date Analyzed : 96/19/96 Analyzed By : PJY		
udaedikanninananananahan COPONO	164020244 <u>4</u>	*******		******	1246446
	UG/L indequence	CRQL	COMPOUND	US/L	CROL
Chloromethane	U	10	cis-1,3-Dichlaropropens	Partengaes:	*******
Bronomethane	U	10	Trichlorgethene	Ų U	7
Vinyl Chloride	U	16	Benzene	U	7
Chlordethané	· U	18	Dibromochloromethana	, U	5
thylene Chloride	.Ü	- 5	1 1 2 Tainking on the	Ų	5
richlorofluoromethane	11	ŕ	1,1,2-Trichlorgethane	U	5
1,1-Dichloroethena		, ,	trans-1,3-Dichloropropene	U	5
1,1-Dichloroethane	"	7	2-Chloroethylvinyl ether	IJ	. 10
1 2-Dishlassathan disk is	U	5	Bromoform	ŧſ	5
1,2-Dichlargethene (total)	IJ	5	Tetrachloroethene	Ī	é
Chlaroform	U	5	1,1,2,2-Tetrachloroethane	ŭ	é
1,2-Dichlordethane	Ú	5	Toluene	"	7
1,1,1-Trichloroethane	U	5	Chlorobenzene	U .	7
Carbon Tetráchloride	. A	5	Ethylbenzene	Ü	5
Broadich lorosethane	Ĭ	ŕ		U	5
1,2-Dichloropropane	11	7	1,3-Dichlorobenzene	v	5
apr aparto	U	7	1,2 & 1,4-Dichlorobenzene	. U	5

SURROGATE COMPOUNDS	RECOVERY
1,2-Dichloroethane-d4	182 %
Toluene-d8	109 \$
Brass fluorobenzene	112 \$

CROL - Contract Required Quantitation Limit

Qualifiers

- (J) Indicates detected below CRQL
- (U) Indicates compound not detected
- (D) Indicates surrogates have been diluted out
- (B) Indicates compound found in blank

Approved By Laine Casalias



Til-County Business Campus 88 Robinson Street Potistown, PA 19464 215 • 327 • 4850 215 • 327 • 4852 FAX

Boyertown Samiftary Disposit/Frame RD #1, Box 360 Glermore, PA 19343

RMC Number 1 3789 Sample Description: EFFLUENT Report No. 1 901350 Sample Date: 06/12/90 Bt 10:40 Sampled By 1 LC Received 1 06/12/90 Reported : 07/02/90 P.O. Humber: N/A

Repi	Pärameter	Result	Date Ant	AHL-	pk i
			Completed	lyst	Hethod
,	ANTIHONY, TOTAL	40.005 MG/L	******		*******
1 .	ARSENIC, TOTAL	0.003 MG/L	06/14/90	JÄD	EPÄ 7040
1	BARTUR, TOTAL	2.0 Mg/L	06/14/90	JNO	EPA 7060
	BERYLLIUM, TOTAL	<0.0005 NG/L	06/14/90	##O	EPA 7080
4	CADHIUN, TOTAL	<0.001 MG/L	06/13/ 9 0	JŔŎ	EPA 7091
1	CHRONIUM, REXAVALENT	<0.002 NG/L	06/13/90	J110	EPA 7131
1	CHROMIUM, TOTAL	0.005 Mg/L	06/13/90	BAK	EPA 7197
1	COPPER, TOTAL	0.003 MG/L	06/14/90	JMO	EPA 7191
1	IRON, TOTAL	1.4 HG/L	06/14/90	JNO	EPA 7210, 7211
1	LEAD, TOTAL	<0.002 NG/L	06/14/90	BAK	EPA 7380
1	MERCURY, TOTAL	<0.0002 MG/L	06/13/90	BAK	EPA 7421
1	NICKEL, TOTAL	0.018 HG/L	06/15/90	BAK	EPA 7470, 7471
1	SELENIUM, TOTAL	<0.002 NG/L	06/14/90	BAK	EPA 249.2
1	SILVER, TOTAL	<0.002 Mg/L	06/19/90	BAK	EPA 7740
1	THALLIUM, TOTAL	<0.002 Hg/L	06/14/90	BAK	EPA 7760
1	ZINC, TOTAL	40.02 MG/L	06/13/90	480	EPA 7841
4	AMMONTA, NETROGEN	8.6 NG/L	06/14/90	BAK	EPA 7950
	CYANIDE, TOTAL (WATER)		06/13/90	LMM	EPA 350.1
Ţ	PHENOLICS	40.005 Ng/L -	06/19/90	Litel	EPA 335.3
t	P.P.L. PESTICIDE ÁND PCS'S (WATER)	<0.005 Mg/L	06/18/90	Liti	EPA 420.2
İ	P.P.L. SEMI VOLATILES	SEE ATTACHMENT	06/14/90	S DF	EPA 608
1 .	P.P.L. VOLATILES (WATER)	SEE ATTACHKENT	06/20/90	LBK	EPA 625
1	OIL AND GREASE (WATER)	SEE ATTACHMENT	06/19/90	PJY	EPA 524,624
1	BIOCHENICAL OXYGEN DENAND (5 DAY)	<0.86 MG/L	06/13/90	DEN	EPA 9070,413.2(18)
1	COLOR, APPARENT	36 Mg/L	06/18/90	CHM	EPA 405.1
1	FLUORIDE	60 CLPT UNITS & 7.55 PM	06/14/90	\$PK	EPA 110.2
1	PN	0.14 Hg/L	06/20/90	蜂	EPA 340.2
1	TOTAL DISSOLVED SOLIDS	7.56 STANDARD	06/13/90	CH	EPA 9040,9045
	ATTENDED SOLIDS	1170 NG/L	06/14/90	DHK	EPA 160.1

Approved By:

Alla E. Dixon

Assistant Leboratory Mahagei

Pege 3 of 4



Tri-County Business Campus 88 Robinson Street Potlstown, PA 19464 215+327+4850 215+327+4852 FAX

Boyertown Senitary Disposal/Frame RD #1, Box 360 Glenmore, PA 19343

RMC Number 2 3769 Sample Description: EFFLUENT

TOTAL PHOSPHATE PHOSPHORUS 0.09 MG/L

Report No. 1 901350

Sample Date: 06/12/90 at 10:40

Scapled By : LC

Received : 06/12/90

Reported 1 07/02/90

P.O. Wumbers N/A

Completed

06/14/90

EPA 365.3

สมาโล E. Dixon

Assistant Laboratory Manage:

SERVICES

Tri-County Business Campus 88 Robinson Street Pollslown, PA 19484 215 - 327 - 4850 215 - 327 - 4852 FAX

Boyertown Sanitary Effluent

CLIENT ID: RMC ID:

3789

DATE RECEIVED: DATE ANALYZED:

6-12-90 6-14-90

ANALYZED/VALIDATED BY:

SDF

<u>Pesticides</u>

	<u>ug/1</u>		_4471
a-BHC g-BHC b-BHC d-BHC heptachlor aldrin heptachlor epoxide endosulfan I 4,4'-DDE dieldrin endrin endosulfan II	<0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.05 <0.10 <0.10 <0.10 <0.10	4,4%-DDD endvin aldehyde endosulfan sulfate 4,4'-DDT chlordane toxaphene PCB-1016 PCB-1221 PCB-1232 PCB-1242 PCB-1254 PCB-1254 PCB-1260	<0.10 <0.10 <0.10 <0.5 <1.0 <0.5 <0.5 <0.5 <1.0 <1.0

< x = Not detected; value indicates minimum quantifiable limit.



RMC Environmental Chemistry Laboratory Semivolatile Analysis Data

Tri-County Business Ca	Impus
88 Robinson Street	•
Pottslowh, PA 19464	
215 - 327 - 4850	

COPPOUND INTERPRETARIES INTE	CRGL 18 18 18 18 18 18 18 18 18 10 19 10 10 10 10 10 10 10 10 10 10 10 10 10	COPPORIO **********************************	18/1. 0 0 0 0 0 0 0 0 0 0 0 0 0	
ris (2-Chloroethyl) Ether Phenol 2-Chlorophenol 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Chloroethane Whitroso-Di-n-propylamine Witrobenzene 1 sophorone 2-Nitrophenol 2,4-Dimethylphenol bis (2-Chloroethoxylmethane U 1,2,4-Trichlorobenzene Waphthalene Hexochloro-3-methylphenol U 4-Chloro-3-methylphenol	10 10 16 10 10 10 10 10 10 10 10	Fluorene Diethylphthélete 4-Chilorophenyl-phenylether 4,6-Dinitro-2-methylphenol N-kitrosodiphenylemine 1,2-Diphenyl Hydrozine 4-Bromophenyl-phenylether Hexachilorophenol Phenanthrene Anthracene Di-n-butylphtháleté Fluoranthene Pykor	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Theno 1 Z-Chloropheno 1 U Z-Chloropheno 1 U Z-Chloropheno 1 U Z-Chlorobenzene U Z-Chlorobenzene U Z-Chloroisopropyl Jether U Mexach loroethane U N-Mitroso-Di-n-propylamine U Isophorone U Z-Nitropheno 1 U Z-Z-Dimethylpheno 1 U Z-Z-Dimethylpheno 1 U Z-Z-Dichloropheno 1 U Z-Z-Trichlorobenzene U Haphthalene Hexachloro-Z-methylpheno 1 U Hexachloro-Z-methylpheno 1 U Z-Chloro-Z-methylpheno 1 U Z-Chl	10 10 16 10 10 10 10 10 10 10 10	Fluorene Diethylphthélete 4-Chilorophenyl-phenylether 4,6-Dinitro-2-methylphenol N-kitrosodiphenylemine 1,2-Diphenyl Hydrozine 4-Bromophenyl-phenylether Hexachilorophenol Phenanthrene Anthracene Di-n-butylphtháleté Fluoranthene Pykor	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
2-Chlorophenol U 1,3-Dichlorobenzene U 1,4-Dichlorobenzene U 1,2-Dichlorobenzene U 1,2-Dichlorobenzene U 1,2-Dichlorobenzene U bis(2-chloroisopropylether U Hexachloroethane U N-Hitroso-Di-n-propylemine U Nitrobenzene U 1sophorone U 2,4-Dinethylphenol U 2,4-Dinethylphenol U 1,2,4-Trichlorobenzene U 1,2,4-Trichlorobenzene U Hexachlorobutadiene U 4-Chloro-3-methylphenol U	10 18 10 10 10 10 10 10 10 10 10	Otathylphthalate 4-Chiarophenyl-phenylether 4,6-Dinitro-2-methylphenol N-kitrasodiphenylemine 1,2-Diphenyl Hydrozine 4-Bromophenyl-phenylether Hexachlarobenzene Pentachlarophenol Phenonthrene Anthracene Di-n-butylphthalate Fluoranthone Pyrom	0 0 0 0 0 0 0 0 0	
1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,2-Chlorospropylether 1,2-Chlorospropylether 1,2-Dichlorophenol 1,2-Chlorospropylemine 1,2-Chlorospropyle	18 18 10 10 10 10 10 10 10 10 10	4-Chlorophenyl-phenylether 4,6-Dinstro-2-methylphenol N-kstrosodiphenylemne 1,2-Diphenyl Hydrozine 4-Bromophenyl-phenylether Hexachlorophenol Phenanthrene Anthracene Di-n-butylphthalate Fluoranthene Pykoo		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1,4-Dichlorobenzene 1,2-Dichlorobenzene Dis(2-chloroisopropyllether Unitroso-Di-n-propylamine Unitroso-Di-n-propylamine Unitrobenzene Usophorone Unitrophenol Uni	18 10 10 10 10 10 10 10 10	4,6-Dinitro-2-methylphenol N-Kitrosodiphenylemine 1,2-Diphenyl-Hydrozine 4-Bromophenyl-phenylether Hexachlorobenzene Pentachlorophenol Phenanthrene Anthracene Di-n-butylphthalete Fluoranthone Pyros	u u u u u u	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
1,2-Dichlorobenzene Dis (2-chloroisopropyl Jether Unit (2-chloroisopropyl Jether Unit (2-chloroethene Unit (2-chloroethene Unit (2-chloroethene Unit (2-chloroethene) Unit (2-chloroethene) Unit (2-chloroethene) Unit (2-chlorobenzene Unit (2-ch	10 18 10 18 10 10 10 10 10	N-Nitrosodiphenylemine 1,2-Diphenyl Hydrozine 4-Bromophenyl-phenylether Hexechlorobenzene Pentachlorophenöl Phenanthrene Anthracene Di-n-butylphthalate Fluoranthene Pyros		6 1 941 942 1 94 94 95 94 1 1 3 3 1
bis (2-chloroisopropyllether U Hexachloroethene U H-Hitroso-Di-n-propylamine U Hitrobenzene U Isophorone U 2-Hitrophenol U 2,4-Dimathylphenol U 5:4-Dichlorophenol U 1,2,4-Trichlorobenzene U Hexachlorobutadiene U 4-Chloro-3-methylphenol U	10 16 18 10 10 10 10 10 10	1,2-Diphenyl Hydrozine 4-Brosophenyl-phenylether Hexechlorobenzene Pentschlorophenol Phenenthrene Anthrocene Di-n-butylphthalete Fluoranthene Pyros		0/18 1 - 1/21 2 - 1/22 2 - 1/2 1 - 1/2 1 - 1/2 1 - 1/2
lexachloroethane U-Mitroso-Di-n-propylamine U-Mitroso-Di-n-propylamine U-Mitrobenzene U-Sophorone U-Mitrophenol U-	10 10 10 10 10 10 10 10	4-Brosophenyl-phenylether Hexachlorobenzene Pentachlorophenöl Phenanthrene Anthracene Di-n-butylphthalete Fluoranthene Pyros	U U U U U	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
lexachloroethane U-Mitroso-Di-n-propylamine U-Mitroso-Di-n-propylamine U-Mitrobenzene U-Sophorone U-Mitrophenol U-	10 10 10 10 10 10 10	Hexach Iorobenzene Pentach Ioropheno I Phononthrene Anthrocene Oi-n-buty Iphtholote Fluoranthene Pyroe	U U U U	1 9 1 1 1
litrobenzene U Isophorone U I-Nitropheno! U I,4-Dimethylpheno! U Iist2-Chloroethoxylmethane U I,4-Dichloropheno! U I,2,4-Trichlorobenzene U Isphthalene U I-Chloro-3-methylpheno! U	10 10 10 10 10 10	Pentachlorophenol Phenanthrene Anthracene Di-n-butylphthalate Fluoranthene Pyr	U U U U	. 5 1 1 1 J
sophorone U -Nitrophenol U -,4-Dimethylphenol U ist2-Chloroethoxy)methane U 2,4-Dichlorophenol U 1,2,4-Trichlorobenzene U sphtholene U fexachlorobutadiene i-Chloro-3-methylphanol U	10 10 10 10 10 10	Phononthreno Anthrocono Di-n-butylphtholoto Fluoranthono Pyr	U U ! !	
2-Nitrophenol U 2,4-Disethylphenol U 2,4-Disethylphenol U 2,4-Dichlorophenol U 4,2,4-Trichlorobenzene U 4aphthalene U 4exachlorobutadiene 4-Chloro-3-methylphenol U	10 10 10 10	Anthracene Di-n-butylphthalate Fluoranthene Pyr		
2,4-Dimethylphenol U hist2-Chloroethoxylmethane U 2,4-Dichlorophenol U 1,2,4-Trichlorobenzene U faphthalene U fexechlorobutadiene U f-Chloro-3-methylphenol U	10 10 10	Oi-n-butylphthalate Fluoranthane Pyr		(J 🔭 1
tist2-Chloroethoxy)methane (f.,4-Dichlorophenol (f.,2,4-Trichlorobenzene (f.,2,4-Trichlorobenzene (f.,2,4-Trichlorobenzene (f.,2,4-Trichlorobenzene (f.,2,4-Trichlorobutadiene (f.,2,4-Trichlorobutadiene (f.,2,4-Trichloro-3-methylphanol (f.,2,4-Trichloro-3-methylpha	19 10	Fluoranthene Pyros	_	
rist2-Chloroethoxy)methane (f.,4-Dichlorophenol (f.,2,4-Trichlorobenzene (f.,2,4-Trichlorobenzene (f.,2,4-Trichlorobenzene (f.,2,4-Trichlorobenzene (f.,2,4-Trichlorobenzene (f.,2,4-Trichlorobutadiene (f.,2,4-Tr	10	PyFile	_	
l,2,4-Trichlorobenzene y Haphthalene y Hexachlorobutadiene y 1-Chloro-3-methylphanol y	10		U	
Yaphthalene U fexachlorobutadiene U f-Chloro-3-methylphänol U				
fexachlorobutadiena U f-Chloro-3-aethylphanol U		Butylbenzylphthalata	U	
f-Chloro-3-sethylpháňol U		Benzo(e)anthracene	U	
f-Chloro-3-sethylphanol U	10	3,3'-Dichlorobenzidine	U	•
dar marketar ar a distribution of the contract		Chrysena	ű	•
fexachtorocyclopentadiena U	10	bis(2-Ethylhexyl)phthalate	U	• •
2,4,6-Trichloroph ana l (Di-n-octylphthalate	Ú	
2-Chloronophthalene U		Benzo (b) Fluoranthene	. U	•
Icenaphthylene (Benzelk)fluoranthene	U	
Dimethylphthalate t		Benzo(a)pyrene	Ü	111
2,6-Dinitrataluene U	10	Indens(1,2,3-cd)pyrene		
tensphthene U		Dibanza(a,h)enthracena	. 61	16-14-
7,4-Dinitrophenol U 7,4-Dinitrotaluana U		Bengary, h, i Iperylene	4	4.16

SURROGATE COMPOUNDS	RECOVERY
2-Fluorophenol	
Pheno 1-d5	33 k
Hitrobenzene-d5	81 %
2-Fluorobiphenyl	83 %
2,4,6-Tribromophenol	61 %
Terphenyl-d14	156 \$
IL - Contract Required Quantitation Limit	

Qualifiers

(J) Indicates detected below CRQL

(U) Indicates compound not detected -

(B) Indicates cospound found in blank

(D) Indicates surrogetes have been diluted out



Tri-County Business Campus 88 Robinson Street Potistown, PA 19464 215 • 327 • 4850 215 • 327 • 4852 Fax

RMC Environmental Chemistry Laboratory Volatile Organic Analysis Data

CLIENT I.D. : EFFLUENT RHC I.D. : 3789		· _	Date Analyzed : 06/19/98 Analyzed By : PJY								
	######################################	1214229									
COPOLID	ÜĞAL	CRQL	COMPOUND	UG/L	CRQL						
Chloromethane	######################################	eresene LA		*******	****						
Bronomethane .	4	10	cis-1,3-Dichlaropropene	ប	5						
Vinyl Chloride	4	10	Trichloroethene	, U	5						
Chloroethane		10	Bénzene	บ	5						
Hethylene Chloride	U "	10	Dibromochloromethade	U	5						
Trichlorof luorose thane	U	, <u>, , , , , , , , , , , , , , , , , , </u>	1,1,2-Trichloroethane	Ü	5						
1,1-Dichloroethene	U	5	trans-1,3-Dichlaropropena	ប	Ś						
1,1-Dichloroethane	U	5	2-Chlaroethylvinyl ether	U	19						
1 2-Dicklassetters of a se	U	5	Bronoform	. 6	5						
1,2-Dichloroethene (total) Chloroform	U	5	Tetrachloraethene	Ū	Ś						
	Ű	5	1,1,2,2-Tetrachloroethane	U	ś						
1,2-Dichloraethane	U	5	Toluene	7	É						
1,1,1-Trichloroethane	U	5	Ch lorob en ze no	11	Ŕ						
Carbon Tetrachloride	IJ	5	Ethylbenzene	11	5						
Browdichloromethane	U	5	1,3-Dichloroft cena	. 11	7						
1,2-Dichloropropane	U	5	1,2 & 1,4-Dichinishenzene	บ	5						

SURROGATE COMPOUNDS	RECOVERY
1,2-Dichloroethane-d4	107 %
To luens-d8	112 \$
Bromof Luorobenzene	113 %

CRQL = Contract Required Quantitation Limit

Qualifiers

- (J) Indicates detected below CROL
- (U) Indicates compound not detected
- (D) Indicates surrogates have been diluted out
- (B) Indicates compound found in blank

Approved By Laine Kasdias



Til-County Business Campus 88 Robinson Street Polislown, PA 19464 215 - 327 - 4850 215 - 327 - 4852 FAx

RMC Environmental Chamistry Laboratory Semivolatila Analysis Data

RMC 1.0. : NETHOD			Analyzed By 1 PJY		<u> </u>
-	*******	******	***************		ر ز متأخف خوسوس
COMPOUND	U6/L	CROL	COMPUNO	UG/L	CRUL
N-Hitrosodimethylamine	4049454444	********	*****************	********	****
bis (2-Chloroethyl)Ether	U U	10	4-Nitrophenal	U	- 56
Pheno1	ti	16	Fluorene	IJ	10
2-Chlorophenol	il i	19	Diethylphthalata	U	10
1,3-Dichlorobenzene	IJ	19	4-Chlorophényl-phenylether	ť	10
1,4-Dichlorobenzens	บ	15 10	4,6-Dinstro-2-nethylphenol	U	51
1,2-Dichtorobenzens	Ű	10	H-Kitrosodiphenytamine	Ü	10
bis (2-chloro isopropy) lether	บั	18	1,2-Diphenyl Hydrazine	U	10
Hexachlorosthane	ť	,,18	4-Bromophenyl-phenylether Hexechlorobenzene	ť	10
N-Nitroso-Di-m-propylamine	Ŭ	16		U	10
Nitrobenzene	ŭ	10	Pentachloropheno i Phenorithreno	· ti	50
Isophorone	Ü	10	Anth: 2000	ย	10
Z-Ni tropheno l	ŭ	10	Di-n-butylphthalate	U	A. 10
2,4-Dimethylphenol	บ	10	Fluoranthene	U	10
bis(2-Chloroethoxy)methène	Ŭ	19	Pyrene	U	10
2,4-Dichlorophenal	U	10	Benzidine	Ü	. 10
1,2,4-Trichlorobenzene	Ű	16	Butylbenzylphthalate	u u	. 60
Naphtha lene	Ü	- 10	Benzola Janthracena -	U U	10
Hexachlorobutadiene	ť	19	3,3'-Dicklorobenzidina	บ ช	10
4-Chloro-3-mathylphenol	Ü	10	Chrysene	u U	20 10
Hexach torocyclopentadiene	Ŭ	15	bis(2-Ethylhexyl)phthalate	U U	. 10
2,4,6-Trichtorophenól	U	a 10	Diagractylphthalate		- 11 a
2-Chloronaphthalene	IJ	.10	Benzolb) fluoranthena	i Li	10
Acenephthylene	U	10	Benzo(k)fluoranthene	U	10
Dimethylphthalate	ช	10	Benzo (a Ipyrena	ŭ	10
2,6-Dinitrotoiuene	U	19	Indend(1,2,3-cd)pyrene	ü	10
Acenaphthena	Ú	. 10	Dibenzo(a,h)enthracens	ű	18
2,4-Dinitrophenol	U	50	Benzo (g,h,i)perylene	Ŭ	id
2,4-Dinitrotoluene	U	10	3, ,.,,.	•	••
•					
	•				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
SURROGATE C		_10	COVERY		·
2-Fluorophen	ol		<u></u>	-	
Pheno 1-d5		-	<u> </u>		. 1
Nitrobenzene		_	68 %		
2-Fluorobiph	•		<u>76</u> %		
2,4,6-1cibro		_	<u>75</u> \$		
Terphenyl-di		4.16.15	105 \$.1
CRQL * Contract Required Qu	not tet ton	LIMIT			
diaties.		•			
<u>Qualifiera</u>	600	2019 I-	dinates assessed ask detacted		1
(J) Indicates détécted belo (B) Indicates compound four			dicates compound not detected dicates surrogates have been di		1.16

Approved By Laine Kastras



TH-County Business Campus 88 Robinson Street Pottstown, PA 19464 215 • 327 • 4850 215 • 327 • 4852 FAX

RMC Environmental Chemistry Laboratory Volatile Organic Analysis Data

BLANK BLANK		Date Analyzed : 06/18/90 Analyzed By : PJY								
	944 94 44									
ÚG/L	CROL	COMPOUND	UG/L	CROL						
u u	16	esementalanuesesentusseseses eig.1 1.Dicklosebenses		-						
ŭ		Teithlesouth.	U	5						
. 11		_	U	5						
11			U	5						
11	_		U	9						
u	ć	Acene & T. Dieble	U	5						
11	5	7 Chlorothylytes 1	U	5						
Ü	5	Constinut Open State Constinut Open State Constinut Open State Constitution of the Con	U	10						
11	, ¢		U	5						
11	7		U	5						
11	7		Ű	- 5						
U Is	7		IJ	5						
U #			U	5						
U 44	7		U	5						
Ð	7	1,3-Dichlorobenzene	U	. 5						
U	5	1,2 & 1,4-Dichlorobenzene	U	5						
	BLANK	BLAK	BLAK Analyzed By : PJY COMPOUND CIS-1,3-Dichlordoropene U 10 Cis-1,3-Dichlordoropene U 10 Dibronochloromethane U 5 1,1,2-Trichloroethane U 7 Crans-1,3-Dichloropropene BLANK Analyzed By: PJY COMPOIND USA COMPOIND USA Cis-1,3-Dichloroopene U 10 Cis-1,3-Dichloroopene U 10 Dibromochloromethane U 5 1,1,2-Trichloroethane U 5 Compoint U 7 Com							

SURROGATE COMPOUNDS	RECOVERY
1,2-Dichlorgethane-d4	97 %
To luene-d8	104 %
Browofluorobenzene	104 %

CRQL - Contract Required Quantitation Limit

Qualifiers

- (J) Indicates détected below CRQL
- (U) Indicates compound not detected
- (D) Indicates surrogates have been diluted out
- (B) Indicates compound found in blank

Approved By laine Kardisa

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RMC USE ONLY

CHAIN OF CUSTODY RECORD

ENVIRONMENTAL SERVICES
Tri-County Bustness Compus, 88 Robinson Street

					·							Potts	lown, PA 1	19464, (215) 327-4850
*Client	30 - 3 C	Proprietty II	Re	irigera										RMC Use Only
-Sampler(s)	Linda C	JUGAA			ntainer			- 	<u> </u>	1	1	<u> </u>		Samples Were:
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				Dervati	V0						<u> </u>			Delivered NOTES:
	RMC/Client Contact		— _Г	ANALYSES REQUESTED			1 1							
Contact Ph	Contact Phone /			REQUE	STED						<u> </u>			2 Ambient or Chilled NOTES:
RMC Only					ato/Time				1) 			3 Received Broken/
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Hom/Deess	Ω.,	G-Grab	Data 1	Time	Item/Reas	n n	inqulsh		Bea	elved b	, ,	Onte	Time	COC Record Was:
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<u> </u>	1. DK IN VOTO	Winder Court	16. 214	10.70	1									
					 	- 								Discrepancies Between Sample Labels and COC
	 				 	\neg	•	-				-		Record? Y N
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COMMONWEALTH OF PENNSYLVANIA DEPARTMENT OF ENVIRONMENTAL RESOURCES

1875 New Hope Street Norristown, PA 19401 215-270-1948

August 21, 1990

Mr. Warren Frame RD 1 Box 360 Glen Moore, PA 19343

Re: Boyertown Landfill

Hazardous Waste Inspection

PAD048603005 August 7, 1990

Douglass Twp, Montgomery Co.

NOTICE OF VIOLATION

Dear Mr. Frame:

This letter is to confirm the findings of the Department's referenced inspection of your hazardous waste activities. Requirements for hazardous waste facilities are contained in Chapters 75.260 through 75.267 of the Rules and Regulations of the Department. Violations of applicable sections of the regulations found during the inspection are as follows:

75.265(n)(2)

The owner or operator shall install, operate, and maintain a groundwater monitoring system. The groundwater monitoring program shall be conducted during the active life of the facility, and during the post-closure care period.

75.265(o)(11)(i)

Post-closure care shall continue for 30 years after the date of completing closure and shall consist of the following: groundwater monitoring and reporting in accordance with the requirements of subsection 75.265(n).

The Department has not received analytical results for sampling which should have occurred in the past three quarters--fourth quarter 1989, first and second quarter 1990. In conversations held with you, it was determined the sampling was not conducted.



You are hereby notified of both the existence of these violations as well as the need to provide for their prompt correction. Toward this end, you are requested to submit to the Department within fourteen (14) days a proposed program and schedule for abatement of these violations.

This letter does not waive, either expressly or by implication, the power or authority of the Commonwealth of Pennsylvania to prosecute for any and all violations of law arising prior to or after the issuance of this letter or the conditions upon which the letter is based. This letter shall not be construed so as to waive or impair any rights of the Department of Environmental Resources, heretofore or hereafter existing.

This letter shall also not be construed as a final action of the Department of Environmental Resources.

Sincerely,

Carol Kurtz

Operations Supervisor

cc: Mr. Pagano

USEPA relb249